World Class Process Safety Management for Chemicals, Petrochemicals and Refining
Embedding Process Safety Culture and Leadership at the Heart of Your Operations

INCLUDING A PRE-CONFERENCE WORKSHOP:
Developing a Roadmap for Process Safety Data Management
A full day workshop designed to introduce you to the fundamentals of process safety data management

Featuring operational insights into:
» Creating a 24/7 process safety culture from the boardroom to the floor
» Interpreting metrics and applying these into measurable performance improvements
» Best practice to attain consistent results from Process Hazard Analysis performed throughout an organization
» Implementing an electronic management system to manage process safety performance
» Understanding OSHA expectations and current legislation
» Lessons learned from major incident investigations
Dear Colleague

In a modern commercial environment, it is essential that operators of chemical, petrochemical and refining facilities execute a cost effective and efficient operation. Yet without the implementation of robust process safety and integrity assurance principles, any commercial gains could be seriously jeopardized.

We are delighted to invite you to this insightful conference on World Class Process Safety Management for Chemicals, Petrochemicals and Refining. With major recent incidents highlighting the continuing need for process safety excellence to be embedded at the heart of asset intensive organizations, our agenda is built to allow you to benchmark best practice with leading operators in the downstream chemical, petrochemical and refining industries.

Our operationally focused agenda, which includes 11 practitioner case studies will give you the opportunity to discover how approaches to process safety are evolving and how major operators are implementing this most business critical of issues to their processes, practices and infrastructure.

Key topics for discussion include:
» BASF’s journey towards embedding world class process safety principles from the boardroom to the floor
» How INEOS evaluate contractor safety performance and integrate contractors into their corporate safety culture
» Lessons learned from major incident investigations at DuPont
» How Syngenta have implemented electronic management systems to deliver real-time process safety analysis
» Driving performance improvement by implementing API 754 - experiences at CITGO Petroleum
» How Occidental Petroleum Corporation use Process Hazard Analysis (PHA) methodology to identify and assess potential hazards and risks

With further insight from OSHA, as well as a pre-conference workshop, interactive panel discussion and networking evening reception, this event offers a valuable opportunity to make sure that your organization’s process safety strategy is fully integrated and reinforced at all levels.

We look forward to welcoming you to Houston.

Yours sincerely,

Thomas Cook
Managing Director
T.A. Cook Conferences

Evening Reception

Join us for a networking reception with your fellow delegates and speakers. Network and discuss the day’s presentations and key talking points with your colleagues and peers. Please check the website at www.tacook.com/psmusa for event updates.

Who Should Attend:

This event targets operators of chemical, petrochemical and refining facilities, looking to embed process safety at the heart of their operations. It is designed for organizational leaders in positions such as:

» Process safety and engineering
» Plant management
» HSE
» Operations and maintenance
» Integrity management
» Emergency response

If you offer solutions or services to plant process safety, integrity, and operations, the event will be of interest to:

» Process safety, risk, operations, maintenance and performance consultants
» Sales, marketing and business development
Developing a Roadmap for Process Safety Data Management

There is an increasing struggle for companies to organize their data to ensure process safety incidents are recorded and ultimately avoided. While many organizations have invested in a variety of tools, from PHA to incident investigation, few have successfully produced an integrated process safety data strategy or implemented a comprehensive solution as part of their wider Operational Risk Management (ORM) strategy.

This one day pre-conference workshop is designed to provide you with a comprehensive foundation for process safety data management. You will have the opportunity to establish a set of foundational requirements, develop a business case and prioritize your needs. Many industry case studies will be shared along with market data for the chemical and refining industries.

This workshop will offer an excellent opportunity for professionals with a background in process safety, maintenance, engineering, reliability and capital projects to gain a fundamental insight into process safety automation.

This workshop is designed to be fully interactive, with time built in for question and answer and discussion with the facilitator and your fellow attendees.

The workshop agenda includes the following themes:

» Marketplace trends
» Conducting a needs assessment
» Developing functional business requirements and workflows
» Creating a business case (build vs. buy)
» Cultural considerations to get buy-in and lessons learned
» Performance improvement (i.e. metrics, reporting)

This workshop will run from 9:00 a.m. to 5:00 p.m. with refreshments and lunch provided.
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Registration &amp; Coffee</td>
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<tr>
<td>9:00</td>
<td>Chairman’s Opening Remarks</td>
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<td>Jerry Wanichko, Managing Director Consulting, North America, T.A. Cook Consultants</td>
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<tr>
<td>9:10</td>
<td>From the Boardroom to the Floor: Embedding a World Class Process Safety Culture at the Heart of your Operations</td>
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<td>Jerry Wanichko, Managing Director Consulting, North America, T.A. Cook Consultants</td>
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<tr>
<td>10:00</td>
<td>Tracking Safety Performance: Assimilating External Contractors into your Process Safety Culture</td>
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<td>Dan Miller, Director - North America Process Safety Center of Expertise, BASF Corporation</td>
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<td>10:45</td>
<td>Mid-Morning Networking Refreshment Break</td>
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<td>Fran Schultz, Manager Process Safety, SABIC Americas</td>
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<td>12:00</td>
<td>Understanding All Contributing Factors: Lessons Learned from Major Incident Investigations</td>
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<td>Brian Rains, Global Process Safety Management Leader, DuPont Sustainable Solutions</td>
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<tr>
<td>12:45</td>
<td>Networking Lunch</td>
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<td>2:15</td>
<td>Putting Metrics into Practice: Industry Experience in Applying Data to Improve Process Safety</td>
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<td>Dennis Calhoun, General Manager, Health, Security, Safety and Environment, CITGO Petroleum Corporation</td>
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<td>3:00</td>
<td>Managing Change Electronically: Lessons Learned from Implementing a Computer Based Management Program</td>
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<td>Dawn Morris, PSM Group Leader, GB Biosciences Corporation, a Syngenta Company</td>
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<td>3:45</td>
<td>Afternoon Refreshments</td>
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<td>4:15</td>
<td>What’s The Buzz? The Case for, and Implementation of, an Effective Alarm System to Ensure Process Safety</td>
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<td>Don Whaley, Environment, Health and Safety Manager, Delek Refining</td>
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<td>5:00</td>
<td>Chairman’s Closing Remarks</td>
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<td>6:30</td>
<td>Evening Networking Event</td>
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| 9:10  | **GOVERNMENT KEYNOTE** An OSHA Perspective on Effective Training Techniques and Regulatory Industry Updates  
   » Understanding specific process issues for the chemical, petrochemical and refining industries  
   » Implementing teaching methodologies that can assist in ensuring employees understand the training delivered  
   » Applying teaching techniques that can engage employee participation and critical thinking  
   » Identifying who the “Masters” are within your groups and how to leverage their influence to mentor safe behaviors  
   » Techniques to create memorable teaching moments and impact safety behaviors                                                                 | Mark Hernandez, Compliance Assistance Specialist, OSHA |
| 10:00 | **A Global Perspective on Recognized and Generally Accepted Good Engineering Practices (RAGAGEP)**  
   » Understanding OSHA's expectations of inspection and testing procedures  
   » Examining Europe’s perspective on RAGAGEP  
   » Best practices of Arizona Chemicals ongoing process safety program  
   » Developing and managing RAGAGEP implementation plans  
   Speaker to be Determined                                                                                                           |                                                                                     |
| 10:45 | **Mid-Morning Networking Refreshment Break**                                                    |                                                                                  |
| 11:15 | **INTERACTIVE PANEL DISCUSSION** Building a Culture of Safety: Reviewing Process Safety Management Systemically  
   » How to encourage hands-on management from the boardroom  
   » Diagnosing human errors and how to correct them – How are we instructing, training and developing process safety performance from the shop floor up?  
   » How to communicate safety practices throughout your entire organization  
   Speaker to be Determined                                                                                                           | Dan Miller, Director - North America Process Safety Center of Expertise, BASF Corporation / Don Whaley, Environment, Health and Safety Manager, Delek Refining / Dennis Calhoun, General Manager, Health, Security, Safety and Environment, CITGO Petroleum Corporation / Brian Rains, Global Process Safety Management Leader, DuPont Sustainable Solutions |
| 12:15 | **Networking Lunch**                                                                             |                                                                                  |
| 1:30  | **Effective Use of Process Hazard Analysis [PHA] Methodology to Ensure Clear and Consistent Results**  
   » Defining PHAs, terminology and regulatory requirements (PSM)  
   » Understanding the characteristics and benefits of the various PHA methods to understand their applicability (SWIFT, HAZOPs, HAZIDs, FMECA, FTAs)  
   » Scheduling and executing PHAs in a timely and cost effective manner through pre-population, preparation and optimal selection of appropriate resources  
   » Techniques to attain consistent results from PHAs performed throughout an organization  
   Speaker to be Determined                                                                                                           |                                                                                     |
| 2:15  | **Lessons Learned from Implementing a Process Safety Culture from Scratch**                     | Tim Menard, Safety Engineer, NA Industries                                          |
| 3:00  | **Afternoon Refreshments**                                                                      |                                                                                  |
| 3:15  | **Combating the Risk of Safety Incidents at your Facility and Creating a 24/7 Safety Culture**   | Matt Stringer, Group Manager Health, Safety and Environment, Central Life Sciences (Part of the Central Garden & Pet Group) |
| 4:00  | **Chairman's Closing Remarks and Close of Conference**                                          |                                                                                  |
I will attend

2. Workshop: Developing a Roadmap for Process Safety Data Management

Full name
Job Title
Telephone
Email

Unfortunately I am unable to attend the event. Please send me the conference documentation for $275

Fees & Payments

Price includes documentation, lunch and refreshments for participants. Please note that accommodation and travel are not included in the registration fee.

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<tr>
<th></th>
<th>Early Bird 1 (Valid until June 8)</th>
<th>Early Bird 2 (Valid until July 13)</th>
<th>Standard Fee</th>
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<td>Operators</td>
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<tr>
<td>Vendors</td>
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Discounts are available for Public Sector and Group bookings. Please contact us for further details.

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www.houstondowntown.embassysuites.com

Confirmation Details

Details confirming your participation will be sent once the registration has been received. After receiving payment a receipt will be issued.

Registration Cancellation and Substitutions

All cancellations must be received in writing. Please fax your cancellation notice to 919-510-8143 or send an e-mail to registration@tacook.com. When cancelling three weeks prior to the event you will be liable to pay an administration charge of $225. Cancellations received on or after August 28, 2012, as well as registrants not attending without cancelling, will be liable for the full registration fee. Substitutions must be received in writing, must be addressed to the registration office and must include the names of both the original and the substitute registrants.

It may be necessary for reasons beyond the control of the organizers to alter the contents and the timing of the program or the identity of the speakers. The organizer reserves the right to cancel the conference in the event of an insufficient number of delegates. In this case, registrants will receive the registration fee only. Cancellation of travel reservations and hotel reservations is the exclusive responsibility of the registrant.

Conference Organizers
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